

Worksheet 6. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. Name of Applicant: California Dried Plum Board

2. Location: Fresno, CA

3. Crop: Prunes (Dried Plums)

4. Pounds of Methyl Bromide Requested 2005 45,000

5. Area Treated with Methyl Bromide 2005 30,000,000 cubic feet units

6. If methyl bromide is requested for additional years, reason for request:

Most alternatives have not been proven feasible or economical on a commercial scale. Currently registered products are being used as much as commercial operations allow.

2006 45,000 lbs. Area Treated 30,000,000 cubic feet units

2007 45,000 lbs. Area Treated 30,000,000 cubic feet units

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
Phosphine		x	Very corrosive, resulting in higher equipment maintenance costs; would require constructing new facilities. Insect resistance is a concern. Currently used as part of control program.
CO ₂		X	Costly to implement and not feasible on a commercial scale.
Contact Insecticides	X		Can not obtain sufficient coverage on bulk commodity; leaves chemical residues. Does not control internal infestations.
Pyrethrins	X		Controls only insects in free air space. Not effective in disinfesting bulk commodity. Currently used as part of control program.
Biological agents (granulosis virus)	X		Controls only larval stage of Indianmeal moth. Will not kill other insect pests and will not disinfest commodity.
Cold Treatment	X	X	Not practical for disinfesting large, commercial volumes of commodity. Would require very expensive retrofitting of existing facilities.
IPM	X	X	Has not been proven commercially. Expenditures for facilities would be cost prohibitive.
Heat Treatment	X	X	Not practical for disinfesting large, commercial volumes of commodity. Would require very expensive retrofitting of existing facilities.
Irradiation	X	X	Not proven as a commercial alternative. Living insects remain in commodity, which is unacceptable to consumers.
Pest Resistant Packaging	X		Only prevents reinfestation of finished product. It does not address disinfesting stored bulk product.